

NAT-IIB Biological Science Botany Hard Test

Sr	Questions	Answers Choice
1	Family curcifereae is characterized by the persence of ----- corolla	A. Cross like B. Cushion like C. Zigzag D. None
2	A women red green color blind marries a red green color blind man, what is the probability of the first born child red green color blind?	A. 100% B. 50% C. 75% D. 25%
3	Seed of rosaceae is	A. Edosperm B. Endosperm oily C. Non endosperm D. None
4	In ----- stems & roots of plants increase in diameter	A. Primary growth B. Secondary growth C. Permanent growth D. Apical growth
5	Match with Lamarckism	A. Inheritance of acquired characteristics B. Long neck of giraffe is evolved gradually as cumulative product of many generations C. Body parts used extensively become stronger and larger D. All A, B and C
6	Members of compositeae are	A. Topical B. Sub-tropical C. Temperate D. Cosmopolitan
7	-----hormone increase tendency of plants to produce a male flower	A. Auxins B. Gibberellins C. Ethylene D. Abcissic acid
8	The non-protein part covalently bonded to enzyme is	A. APO-enzyme B. Coenzymes C. Co-factor D. None
9	Which of the following describes the process of natural selection?	A. Change from simple to more complex organisms B. Differential reproductive success between genotypes C. Increase in size of population D. Occurrence of new mutations
10	Vegetative parts of ----- are easier to observe than reproductive parts	A. Angiosperms B. Gymnosperms C. Bryophytes D. Pteridophytes
11	The group of enzymes that bring about non-hydrolytic addition or removal of substrate are	A. Hydrolase B. Protease C. Heptase D. Dehydrogenase
12	Seeds of family ----- bear a tuft of hairs	A. Compositeae B. Labiateae C. Asclepiadaceae D. Ranunculaceae
13	If two substances move in different directions, through the membrane, the contrantransport is called;	A. Antiplast B. Heteroplast C. Apoplast D. None
14	Those individuals whose inherited characteristic fit them best to their environment are likely to leave more offspring, it is referred as	A. Artificial selection B. Natural Selection C. Survival of the fittest D. All of these

D. Both B and C

15 Disc florets have ----- flowers

- A. Tubular
- B. Ligulate
- C. Round
- D. None

16 "In this stage the lichens are just like crumpled leaves attached at one point" about which stage we are talking

- A. Crustose lichen stage
- B. Foliate lichen stage
- C. Moss stage
- D. Herbaceous stage

17 If an author cited two or more specimens as types, the remaining cited species are

- A. Lectotype
- B. Syntype
- C. Paratype
- D. Neotype

18 Why molds can grow on oranges and jelly kept in refrigerator where generally bacteria cannot reach

- A. They are well adapted to live on land
- B. Hyphae are modified
- C. They can tolerate temperature extremes minus 5 degree centigrade below freezing and 50 degree centigrade or more
- D. They have rhizoids

19 What is the contrasting feature on the basis of which fungi are considered different from animals?

- A. Lack cellulose in their cell wall
- B. Heterotrophs
- C. Contains chitin
- D. Non-motile

20 He is regarded as the father of modern taxonomy

- A. Robert Thorne
- B. Armen Takhtajan
- C. Linneous
- D. Arthur Conquist